

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/019173

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A47K13/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A47K13/00-13/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2005	Jitsuyo Shinan Toroku Koho	1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	JP 2003-304984 A (Kabushiki Kaisha Rontekuno Tokyo), 28 October, 2003 (28.10.03), Par. Nos. [0012], [0013], [0015], [0017], [0018]; Figs. 1 to 3 (Family: none)	1, 2, 6, 8 3-5, 9, 10 7, 11
X Y	JP 2000-175844 A (Masako KAWADA), 27 June, 2000 (27.06.00), Par. No. [0011]; Fig. 4 (Family: none)	12-14, 17-19 15, 16

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
24 January, 2005 (24.01.05)

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Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 33309/1992 (Laid-open No. 80399/1993) (Kazuharu KUROKI), 02 November, 1993 (02.11.93), Par. No. [0006]; Figs. 1, 2 (Family: none)	3
Y	JP 2003-310481 A (Toto Ltd.), 05 November, 2003 (05.11.03), Par. Nos. [0027], [0028] (Family: none)	4
Y	JP 2001-327438 A (Toshiki UCHIDA), 27 November, 2001 (27.11.01), Par. No. [0007]; Figs. 1, 2 (Family: none)	5
Y A	JP 1-254126 A (Kabushiki Kaisha Kimura Giken), 11 October, 1989 (11.10.89), Page 2, upper right column, line 18 to lower right column, line 5 (Family: none)	9,10 7,11
Y	JP 5-253093 A (Yasuo KAKEGAWA), 05 October, 1993 (05.10.93), Par. Nos. [0005], [0008] (Family: none)	15,16